

=> d his

(FILE 'USPAT' ENTERED AT 15:19:33 ON 26 FEB 97)

L1	31 S 395/227/CCLS
L2	1 S KING, ?/IN AND L1
L3	72 S 395/201/CCLS
L4	11 S CATALOG? AND L3
L5	14418 S CATALOG?
L6	2398 S IMAGE# AND L5
L7	1197 S COMPUTER# AND L6
L8	798 S (PRODUCT# OR ITEM#) AND L7
L9	14 S CATALOG (P) CD-ROM

=>

=> d his

(FILE 'USPAT' ENTERED AT 15:19:33 ON 26 FEB 97)

L1 31 S 395/227/CCLS  
L2 1 S KING, ?/IN AND L1  
L3 72 S 395/201/CCLS  
L4 11 S CATALOG? AND L3  
L5 14418 S CATALOG?  
L6 2398 S IMAGE# AND L5  
L7 1197 S COMPUTER# AND L6  
L8 798 S (PRODUCT# OR ITEM#) AND L7  
=>

File 351:DERWENT WPI 1981-1996/UD=9651;UA=9648;UM=9648  
(c)1996 Derwent Info Ltd  
File 350:Derwent World Pat. 1963-1980/UD=9648  
(c) 1996 Derwent Info Ltd  
File 348:EUROPEAN PATENTS 1978-1996/DEC W4  
(c) 1996 European Patent Office  
File 347:JAPIO OCT 1976-1996/Jul.  
(c) JPO & JAPIO  
File 344:Chinese Patents ABS Apr 1985-1996/Dec  
(c) 1996 European Patent Office

Set	Items	Description
S1	20	(BID OR BIDS OR BIDDING OR BIDDED OR AUCTION?) (10N) (NET OR NETS OR NETWORK? OR INTERNET OR WWW OR (WORLDWIDE OR WORLD())W-IDE) (WEB)
S2	9	S1 NOT (PY=1996 OR PY=950426:961227 OR PD=950426:961227)
S3	3338	(TRANSFER? OR TRANSMIT? OR TRANSMISS?) (10N) (TITLE? ? OR DE-ED? ? OR OWNERSHIP? ?)
S4	0	S2(N100)S3
S5	9	S2 NOT S4

5/5/1 (Item 1 from file: 351)  
DIALOG(R)File 351:DERWENT WPI  
(c)1996 Derwent Info Ltd. All rts. reserv.

010114648 WPI Acc No: 95-015899/03

XXPX Acc No: N95-012529 \*Image available\*

Auctioning system using electronic communication system - has price display unit, auctioneer operator station, two buyer operator stations and data processing unit linked by communications network

Patent Assignee: (NIEA-) NIEAF SMITT BV

Author (Inventor): MULDER S L

Number of Patents: 002

Number of Countries: 011

Patent Family:

CC Number	Kind	Date	Week
EP 628920	A1	941214	9503 (Basic)
NL 9301015	A	950102	9506

Priority Data (CC No Date): NL 931015 (930611)

Applications (CC,No,Date): EP 94201632 (940608)

Language: English

EP and/or WO Cited Patents: 02Jnl.Ref; EP 399850; EP 411748; FR 2585166; US 5168446

Designated States

(Regional): BE; DE; DK; ES; FR; GB; GR; IT; NL; PT; SE

Abstract (Basic): EP 628920 A

The auctioning system has a price display unit (3), an auctioneer's operator station (2), two buyer operator stations (1) and a data processing unit (10) connected together by a communications \*\*\*\*\*network\*\*\*\*\*. The \*\*\*\*\*auctioneer\*\*\*\*\*'s and buyer's stations can operate the price display to set and bid for lots. The data processor records buyers participating in a sale and out come.

The data processor is also designed to perform the knocking down algorithm using sequential order within a certain time window. Account is optionally taken of signal propagation delay, level of each bid, possible buyer priority, re-opening of bidding in case of incomplete bid etc. The processor sets the purchase via a bilateral link set up between the data processor and each buyer.

USE/ADVANTAGE - Compatible with either Dutch or bid-up auctioning

methods. Flexible.

Dwg.2/3

File Segment: EPI

Derwent Class: T01;

Int Pat Class: G06F-015/24; G06F-017/60

Manual Codes (EPI/S-X): T01-J05A; T01-M02A

5/5/2 (Item 2 from file: 351)

DIALOG(R)File 351:DERWENT WPI

(c)1996 Derwent Info Ltd. All rts. reserv.

010024004 WPI Acc No: 94-291717/36

XRPX Acc No: N94-229509 \*Image available\*

Automated \*\*\*\*\*auction\*\*\*\*\* system operated via computer

\*\*\*\*\*network\*\*\*\*\* - has central computer with links to local and remote buyers, and can be linked to banking system to make credit checks and automatic cash transfers

Patent Assignee: (SMEE/) SMEETS T H M J

Author (Inventor): SMEETS T H M J

Number of Patents: 001

Number of Countries: 001

Patent Family:

CC Number	Kind	Date	Week	
NL 9300266	A	940901	9436	(Basic)

Priority Data (CC No Date): NL 93266 (930210)

Abstract (Basic): NL 9300266 A

The auctioneer has a terminal linked via a data channel to the central control system (3), e.g. a personal computer (PC). The central PC has individual two way communications channels (4) to PCs operated by the prospective buyers within the market.

Remote bids can be taken from terminals or other personal computers via telecommunications channels. The system can also be linked to the banking system to make credit checks, automatic cash transfers, etc.

USE- Staging auctions.

Dwg.2/5

File Segment: EPI

Derwent Class: T01; T05;

Int Pat Class: G01D-013/02; G01D-013/26; G06F-015/21; G06F-015/24;  
G07F-007/00

Manual Codes (EPI/S-X): T01-J05A1; T01-M02A1; T05-L02

5/5/3 (Item 3 from file: 351)

DIALOG(R)File 351:DERWENT WPI

(c)1996 Derwent Info Ltd. All rts. reserv.

009766300 WPI Acc No: 94-046151/06

XRPX Acc No: N94-036430 \*Image available\*

Dutch auction system with computerised clocks and remote monitoring - provides product and sales price data via telephone

Patent Assignee: (SMEE/) SMEETS T H M J

Author (Inventor): SMEETS T H M J

Number of Patents: 001

Number of Countries: 001

Patent Family:

CC Number	Kind	Date	Week	
NL 9201152	A	940117	9406	(Basic)

Priority Data (CC No Date): NL 921152 (920629)

Abstract (Basic): NL 9201152 A

Dutch auctions use a price "clock" which moves downwards until a single bid stops the clock and makes the sale. In the present system, the clocks (2) are connected via an exchange (1) to the public telephone \*\*\*\*\*network\*\*\*\*\* (6), under the control of the \*\*\*\*\*auction\*\*\*\*\* administration computer (7). Each subscriber to the service has a VDU terminal (5, 8, 9) connected to his telephone.

Information concerning each lot is displayed on the terminal. Typical data lines consist of: a lot number, product code number, description and price. Analysis of the sale can also be obtained with details of price ranges, average prices, quantities, etc. The system may also be used to make real time bids, if required.

USE - Sale of agricultural products.

Dwg.1/7

File Segment: EPI

Derwent Class: P27; T01; T05; W01;

Int Pat Class: A47F-010/00; G06F-015/24; G07C-011/00

Manual Codes (EPI/S-X): T01-J05A; T01-J09; T05-E; W01-C05B5

5/5/4 (Item 4 from file: 351)

DIALOG(R)File 351:DERWENT WPI

(c)1996 Derwent Info Ltd. All rts. reserv.

009721833 WPI Acc No: 94-001683/01

XRPX Acc No: N94-001285

Management of communications in system for use in auction sales - uses central communication controller operated by auctioneer to select communication with external buyers

Patent Assignee: (AIDE-) AIDE A COMMUNICATION PAR SYSTEMES D'INFO

Author (Inventor): ASSABGUI M

Number of Patents: 001

Number of Countries: 001

Patent Family:

CC Number	Kind	Date	Week	
FR 2691560	A1	931126	9401	(Basic)

Priority Data (CC No Date): FR 926131 (920520)

Abstract (Basic): FR 2691560 A

The auctioneer (2) is in communication with external buyers (6a,6b,6c) through a computer communication network (T). The communication \*\*\*\*\*network\*\*\*\*\* provides audio-visual communication (10,11,12,14) between \*\*\*\*\*auctioneer\*\*\*\*\* and buyers, and allows buyers (3) in the auction room to see the actions of external buyers. An image of the goods on sale can also be transmitted.

During an auction the data on internal and external bids is accepted managed and displayed by a controller (20) associated with a terminal controlled by the auctioneer.

ADVANTAGE - Allows external buyer to use data \*\*\*\*\*network\*\*\*\*\*, and \*\*\*\*\*auctioneer\*\*\*\*\* to limit buyers displayed in \*\*\*\*\*auction\*\*\*\*\* room.

Dwg.1/1

File Segment: EPI.

Derwent Class: T01;

Int Pat Class: G06F-003/14; G06F-013/38; G06F-015/21

Manual Codes (EPI/S-X): T01-J05A; T01-J08C; T01-J09

5/5/5 (Item 5 from file: 351)  
DIALOG(R)File 351:DERWENT WPI  
(c)1996 Derwent Info Ltd. All rts. reserv.

008801386 WPI Acc No: 91-305398/42

XRPX Acc No: N91-233954 \*Image available\*

Computer system for handling auctions - uses central computer managing communication \*\*\*\*\*network\*\*\*\*\* with remote bidders terminals attached, and display in \*\*\*\*\*auction\*\*\*\*\* room

Patent Assignee: (IVPI-) IVP INFORM VENTES P

Author (Inventor): ASSABGUI M

Number of Patents: 001

Patent Family:

CC Number	Kind	Date	Week
FR 2658635	A	910823	9142 (Basic)

Priority Data (CC No Date): MC 2112 (900216)

Applications (CC,No,Date): FR 911323 (910206)

Abstract (Basic): FR 2658635

The auction handling system has a management unit (S) coupled to the telephone or other remote communication network (T), with remote bidders having their own terminal (12) on the \*\*\*\*\*network\*\*\*\*\*. The \*\*\*\*\*auctioneers\*\*\*\*\* also have a terminal (2) connected to the central computer.

When a \*\*\*\*\*bid\*\*\*\*\* is received over the \*\*\*\*\*network\*\*\*\*\* it is gathered at the central station, validated, then transmitted over the \*\*\*\*\*network\*\*\*\*\* to the terminals of other bidders. The \*\*\*\*\*bid\*\*\*\*\* is also displayed on a large screen in the auction room.

ADVANTAGE - Improved handling of large numbers of remote bids and instant communication of bids to all auction participants. @(21pp  
Dwg.No.1/3

File Segment: EPI

Derwent Class: T01; R27;

Int Pat Class: G06F-015/21

Manual Codes (EPI/S-X): T01-J05A

5/5/6 (Item 6 from file: 351)  
DIALOG(R)File 351:DERWENT WPI  
(c)1996 Derwent Info Ltd. All rts. reserv.

008410716 WPI Acc No: 90-297717/39

XRPX Acc No: N90-228832 \*Image available\*

Automatic by-pass system for ring type LAN - has ring network comprising multiple petal configuration with petal path to and from each node through isolator at hub

Patent Assignee: (PARM-) PAR MICROSYSTEMS

Author (Inventor): BOATWRIGHT D L

Number of Patents: 001

Patent Family:

CC Number	Kind	Date	Week
US 4956836	A	900911	9039 (Basic)

Priority Data (CC No Date): US 173824 (880328)

Abstract (Basic): US 4956836

In the appts. input signal leading to a node input, e.g., normal data signals, may transverse a central petal isolator locations and then travel toward the node. The input signals are monitored (pref. at the isolator location) by a system which has a timing criterion coordinated with the propagation delay of a signal transmission path from the monitoring location to the node and back to the isolator location. They are pref. coordinated so as to accommodate particular

operating conditions such as may occur during \*\*\*bidding\*\*\*  
contention in the ring \*\*\*\*\*network\*\*\*\*\*.

Output signals from a node output, e.g., normal data signals transmitted by the node, are monitored at an activity detector. If activity is detected in conformity with the time criteria of the system, it is concluded that the petal path including the node is functioning properly. Otherwise a node bypass signal is automatically generated, e.g., for reconfiguring the network to exclude the petal transmission path section deemed to be defective.

ADVANTAGE - Automatically detects failure of petal transmission path without requiring transmission of test signals. @(10pp Dwg.No.2/3

File Segment: EPI

Derwent Class: W01; R56;

Int Pat Class: H04J-001/16

Manual Codes (EPI/S-X): W01-A03A2; W01-A06A; W01-A06B2; W01-A07

5/5/7 (Item 7 from file: 351)

DIALOG(R)File 351:DERWENT WPI

(c)1996 Derwent Info Ltd. All rts. reserv.

004338134 WPI Acc No: 85-165012/27

XRPX Acc No: N85-124321

Survivable local area \*\*\*\*\*network\*\*\*\*\* has \*\*\*\*\*BID\*\*\*\*\* (s) which electrically isolate bus segments on either side on connection

Patent Assignee: (USSA ) US SEC OF THE ARMY; (USAF ) US SEC OF AIR FORCE

Number of Patents: 002

Patent Family:

CC Number	Kind	Date	Week	
US 6610148	A	850409	8527	(Basic)
US 4575842	A	860311	8613	

Priority Data (CC No Date): US 610148 (840514)

Abstract (Basic): US 6610148

Enhanced availability and survivability of communications between geographically remote locations is provided by a survivable bus network capable of providing continued interprocessor or other communications in the event of multiple bus outages. It consists of multiple busses, bus isolation device (\*\*\*\*\*BIDs\*\*\*\*\*) and two types of \*\*\*\*\*network\*\*\*\*\* interface processors (NIPs). The \*\*\*\*\*BIDs\*\*\*\*\* electrically isolate bus segments on either side of a connection so that if a fault occurs only the segment containing the fault will be affected.

The first type of NIP connects to one bus and performs the usual function of providing an electrical and software interface between the network and one or more subscriber processors. The second type is a bridge which performs these same functions but connects to two busses and has the capability to transfer traffic as it appears on either bus to the other.

ADVANTAGE - The network provides increased survivability in the event of failed segments but does not entail the expense of a fully redundant system. @(22pp Dwg.No.0/7

File Segment: EPI

Derwent Class: T01; W01; R57; R58

Int Pat Class: H04L-000/01; H04Q-009/00

Manual Codes (EPI/S-X): T01-C03; T01-J02; W01-A06; W01-A20

5/5/8 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

(c) JPO & JAPIO. All rts. reserv.

04670475

ARCHITECTURE MODEL OF HUMAN INTERFACE

PUB. NO.: 06-342375 [JP 6342375 A]  
PUBLISHED: December 13, 1994 (19941213)  
INVENTOR(s): UYAMA MASASHI  
APPLICANT(s): PERSONAL JOHO KANKYO KYOKAI [000000] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 05-005602 [JP 935602]  
FILED: January 18, 1993 (19930118)  
INTL CLASS: [5] G06F-009/46; G06F-009/44  
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units)

ABSTRACT

PURPOSE: To integrate a newly added partial task model into a customized task model by making a new agent join in a bid for a contract and making a bid arbiter agent evaluates the bid on the basis of the context that a studio management agent manages.

CONSTITUTION: The studio management agent 106 manages a history of task state descriptions sent out to a studio 100 as context information. The \*\*\*\*\*bid\*\*\*\*\* arbiter agent 107 performs \*\*\*\*\*bid\*\*\*\*\* evaluation by contract \*\*\*\*\*net\*\*\*\*\* protocol by using the stored context information. An interactive manager agent 105 explains the process of a context dependent process to a user and assists the customization of this process by the user. Agent groups 105-107 send and receive task states through the studio 100 by using a studio function group and the bid arbiter agent 107 evaluates the bid according to the context that the studio management agent 106 manages.

5/5/9 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) JPO & JAPIO. All rts. reserv.

03338374  
BID SHIPMENT SYSTEM

PUB. NO.: 03-001274 [JP 3001274 A]  
PUBLISHED: January 07, 1991 (19910107)  
INVENTOR(s): FUKAWA KATSUTOSHI  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 01-136711 [JP 89136711]  
FILED: May 29, 1989 (19890529)  
INTL CLASS: [5] G06F-015/28  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JOURNAL: Section: P, Section No. 1179, Vol. 15, No. 107, Pg. 94, March 14, 1991 (19910314)

ABSTRACT

PURPOSE: To exactly and quickly execute the information transfer, to execute the bi(sup b) application to plural markets, and also, the semi-automatically execute the shipment by using a code number as a key by executing the information transfer of a \*\*\*\*\*bid\*\*\*\*\* application, a successful bit, etc., through a computer \*\*\*\*\*network\*\*\*\*\*.

CONSTITUTION: A bidder transmits bit information from a facsimile 1 to a host computer 5 through a facsimile communication network 4, and



accumulates it. The host computer 5 retrieves, adjusts and unifies the bit information sent from each bidder by using the code number as a key, and processes it so as to be able to correspond to an access from a communication network 6. The host computer 5 offers the processed bit information to, for instance, a terminal equipment 8 through a repeating computer 7. A bit applicant who looks at receiving information of the terminal equipment 8 inputs the code number, a bit application price, quantity, weight, etc., and applies for a bid by the obtained bit information. In such a way, the information of a bid and a bid application can be transferred exactly

?ds

Set	Items	Description
S1	2773	(INTERNET OR NETWORK?) (10N) (SHOP? ?)
S2	41	S1 (25N) (SCAN? ? OR IMAGE?)
S3	0	S3 NOT (PY=1996 OR PY=950426 : 970206 OR PD=950426 : 97020- 6)
S4	30	S2 NOT (PY=1996 OR PY=950426 : 970206 OR PD=950426 : 97020- 6)
?		

?ds

Set	Items	Description
S1	2773	(INTERNET OR NETWORK?) (10N) (SHOP? ?)
S2	41	S1 (25N) (SCAN? ? OR IMAGE?)
S3	0	S3 NOT (PY=1996 OR PY=950426 : 970206 OR PD=950426 : 97020-6)
S4	30	S2 NOT (PY=1996 OR PY=950426 : 970206 OR PD=950426 : 97020-6)
S5	136	S1 (25N) (GOOD? OR COLLECTIBLE? OR ITEM?)
S6	89	S5 NOT (PY=1996 OR PY=1997 OR PY=950426 : 970206 OR PD=950-426:970206)

?